FIG. 1
PRIOR ART

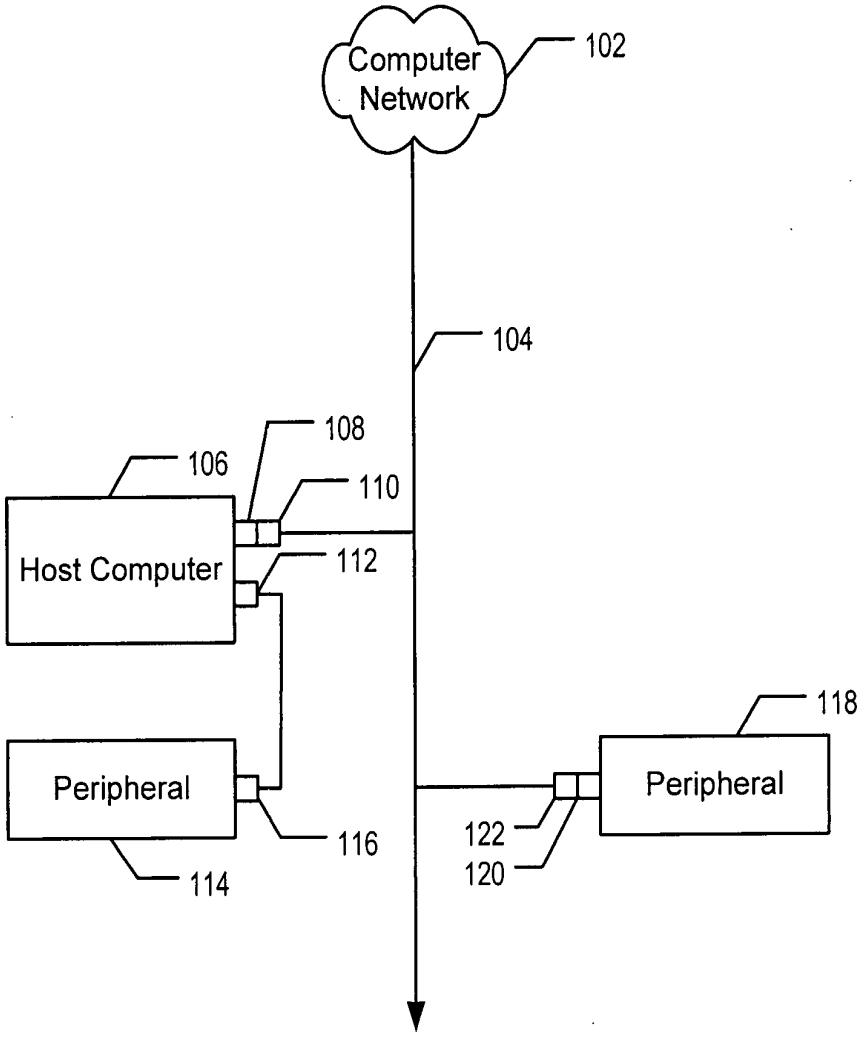


FIG. 2

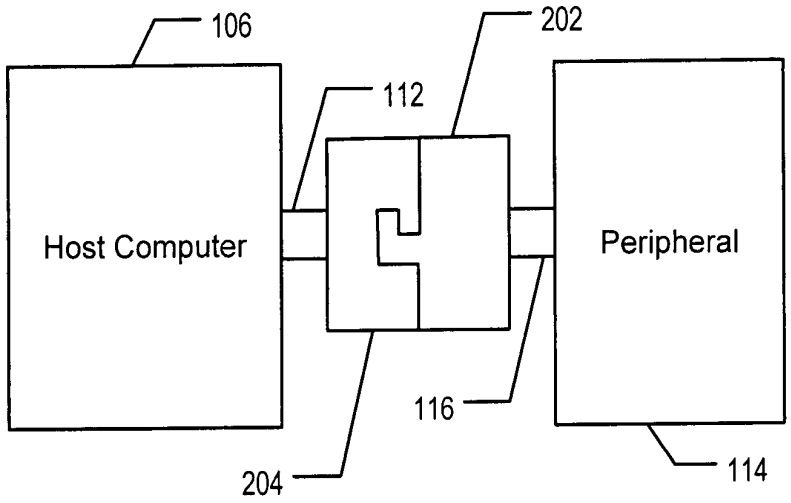


FIG. 3

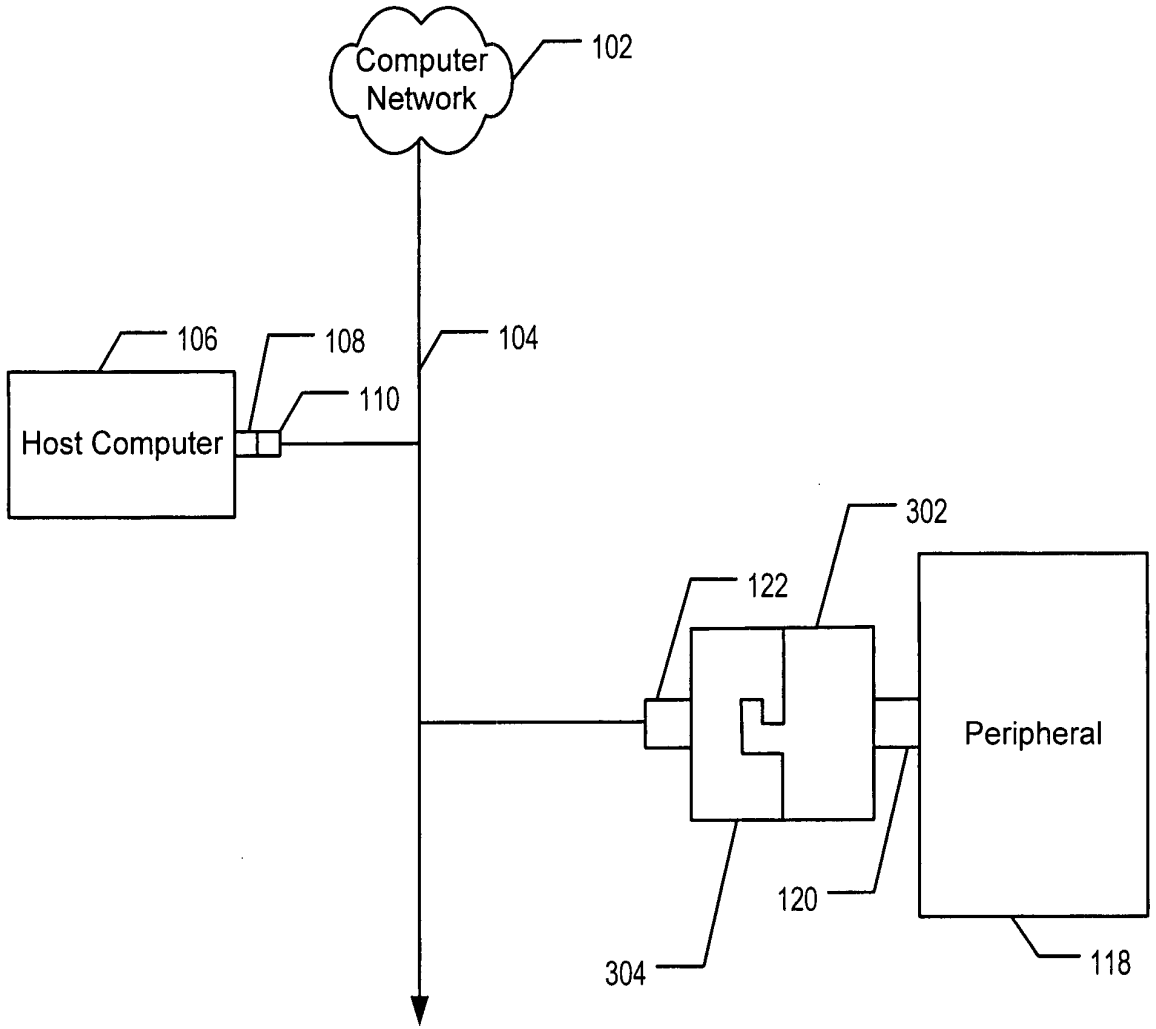
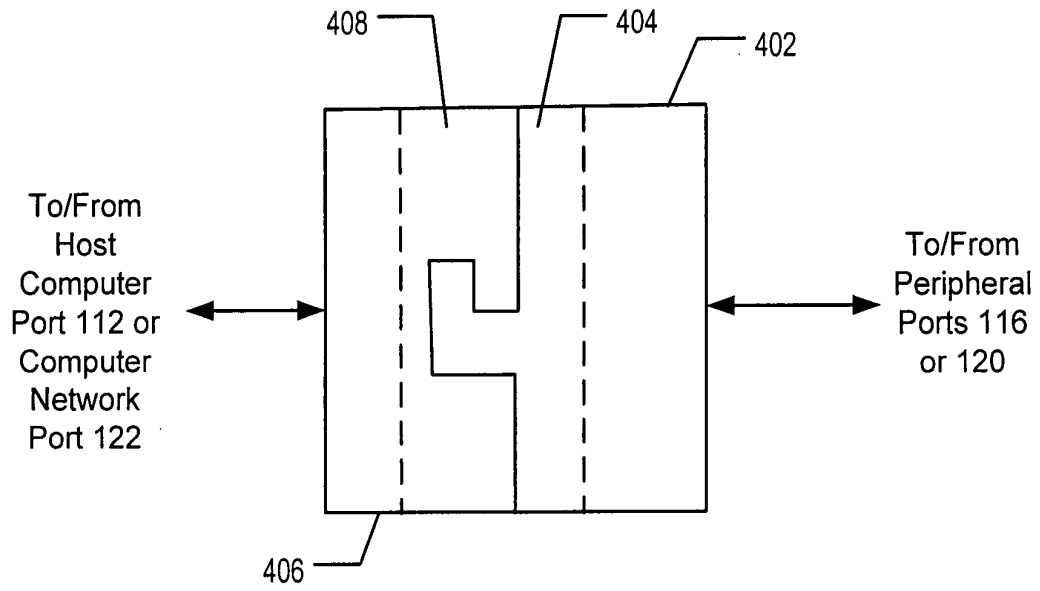

Computer Network
102
106
108
104
110
Host Computer
302
122
Peripheral
120
304
118

FIG. 4


408
404
402
To/From Host Computer Port 112 or Computer Network Port 122
To/From Peripheral Ports 116 or 120
406

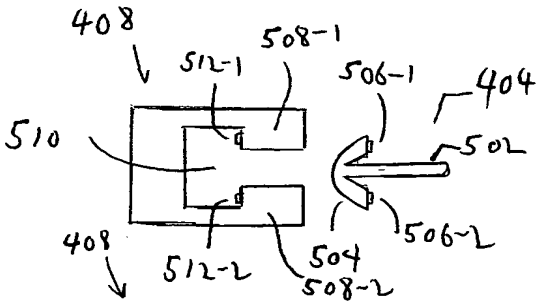


FIG. 5A

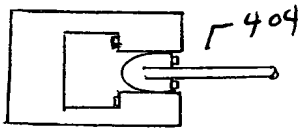


FIG. 5B

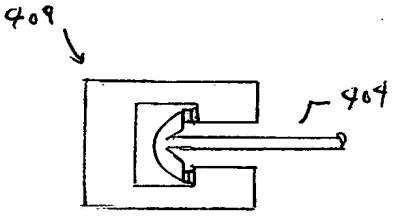


FIG. 5C

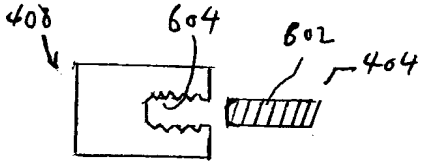


FIG 6

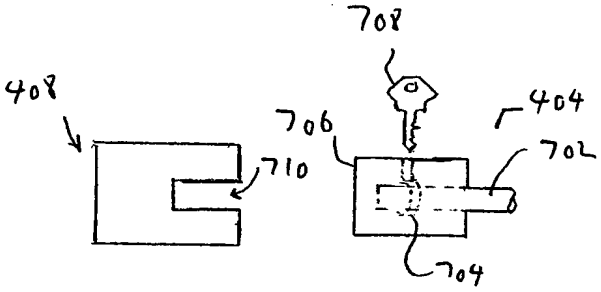


FIG. 7A

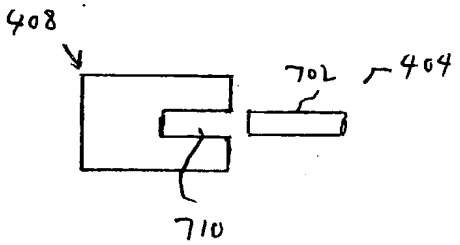


FIG. 7B

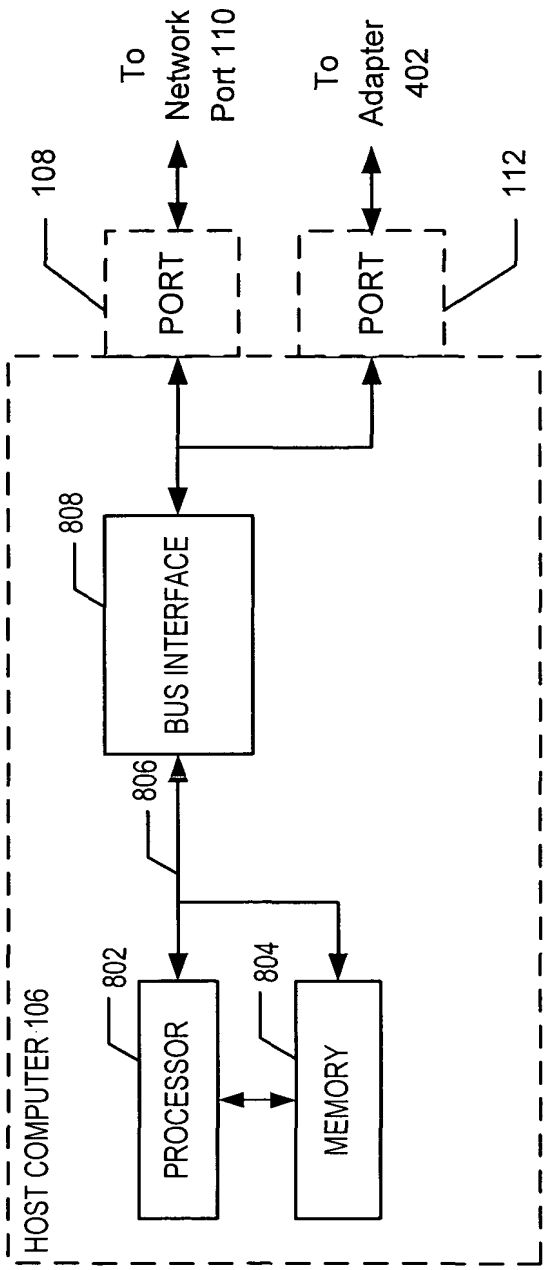

HOST COMPUTER 106
PROCESSOR
802
MEMORY
804
806
BUS INTERFACE
808
PORT
108
PORT
112
To Network Port 110
To Adapter 402

FIG. 8

FIG. 9

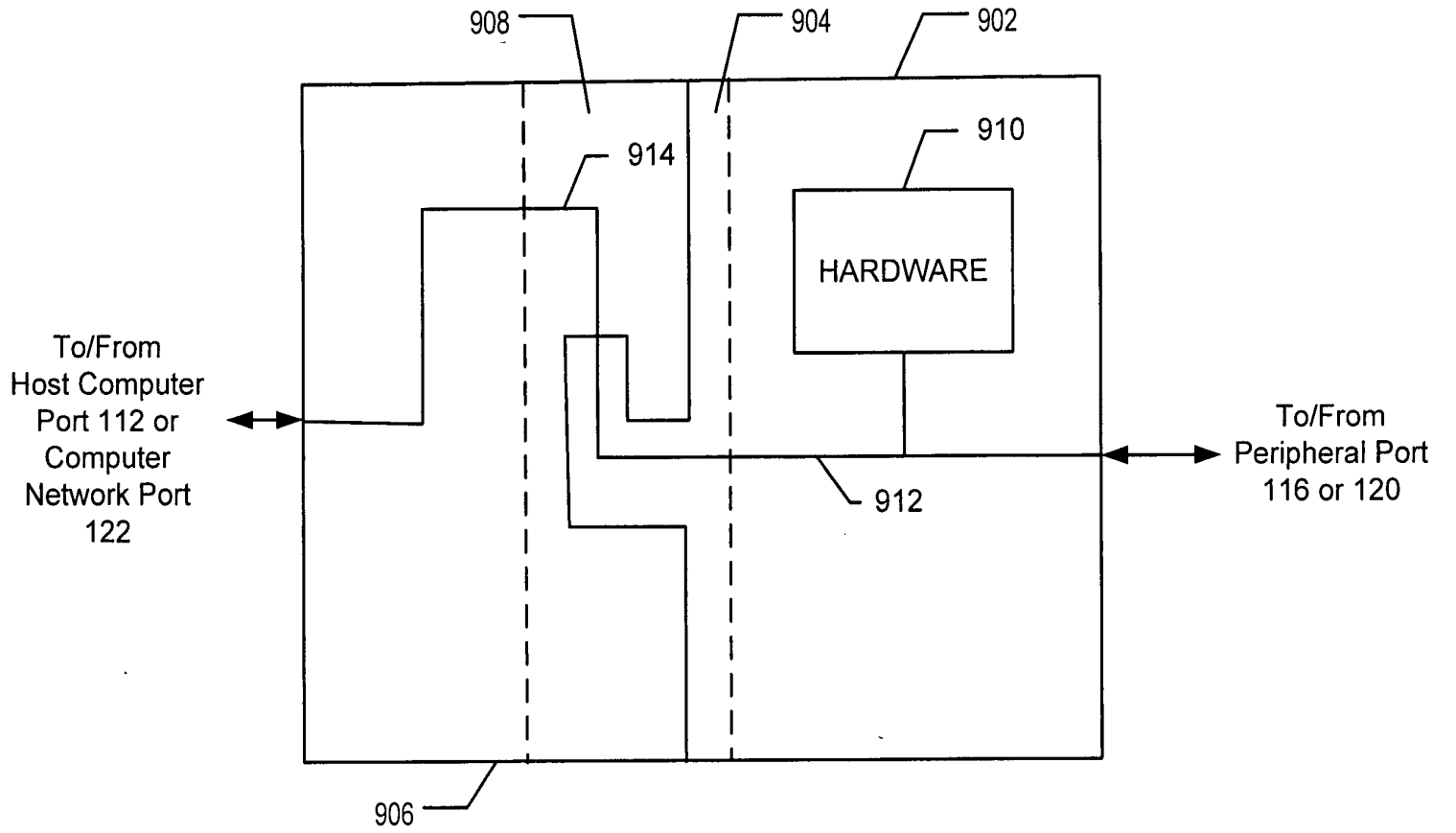

908
904
902
914
910
HARDWARE
To/From
Host Computer
Port 112 or
Computer
Network Port
122
912
To/From
Peripheral Port
116 or 120
906

FIG. 10

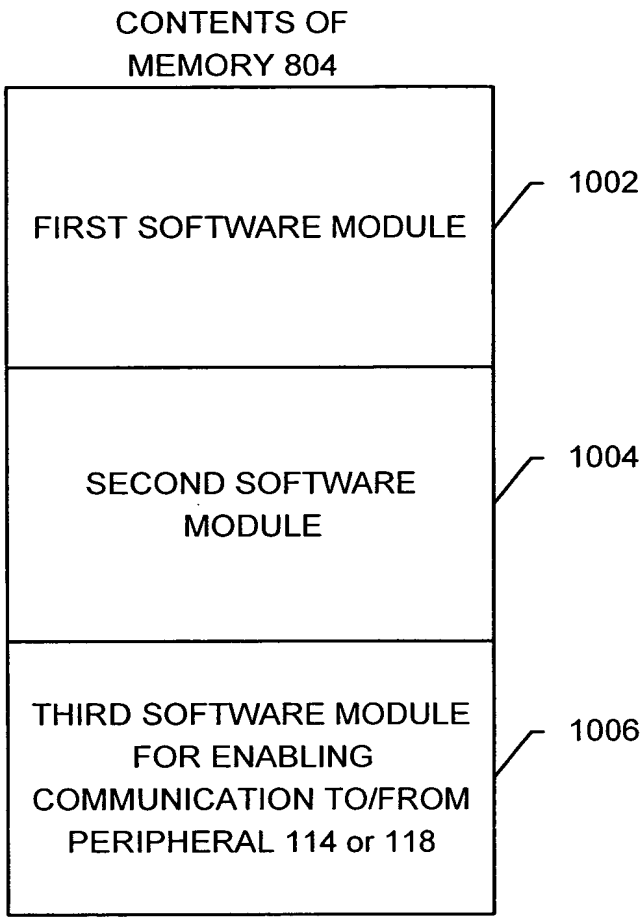

CONTENTS OF MEMORY 804
FIRST SOFTWARE MODULE
1002
SECOND SOFTWARE MODULE
1004
THIRD SOFTWARE MODULE FOR ENABLING COMMUNICATION TO/FROM PERIPHERAL 114 or 118
1006

FIG. 11

CONTENTS OF SECOND SOFTWARE MODULE 1004

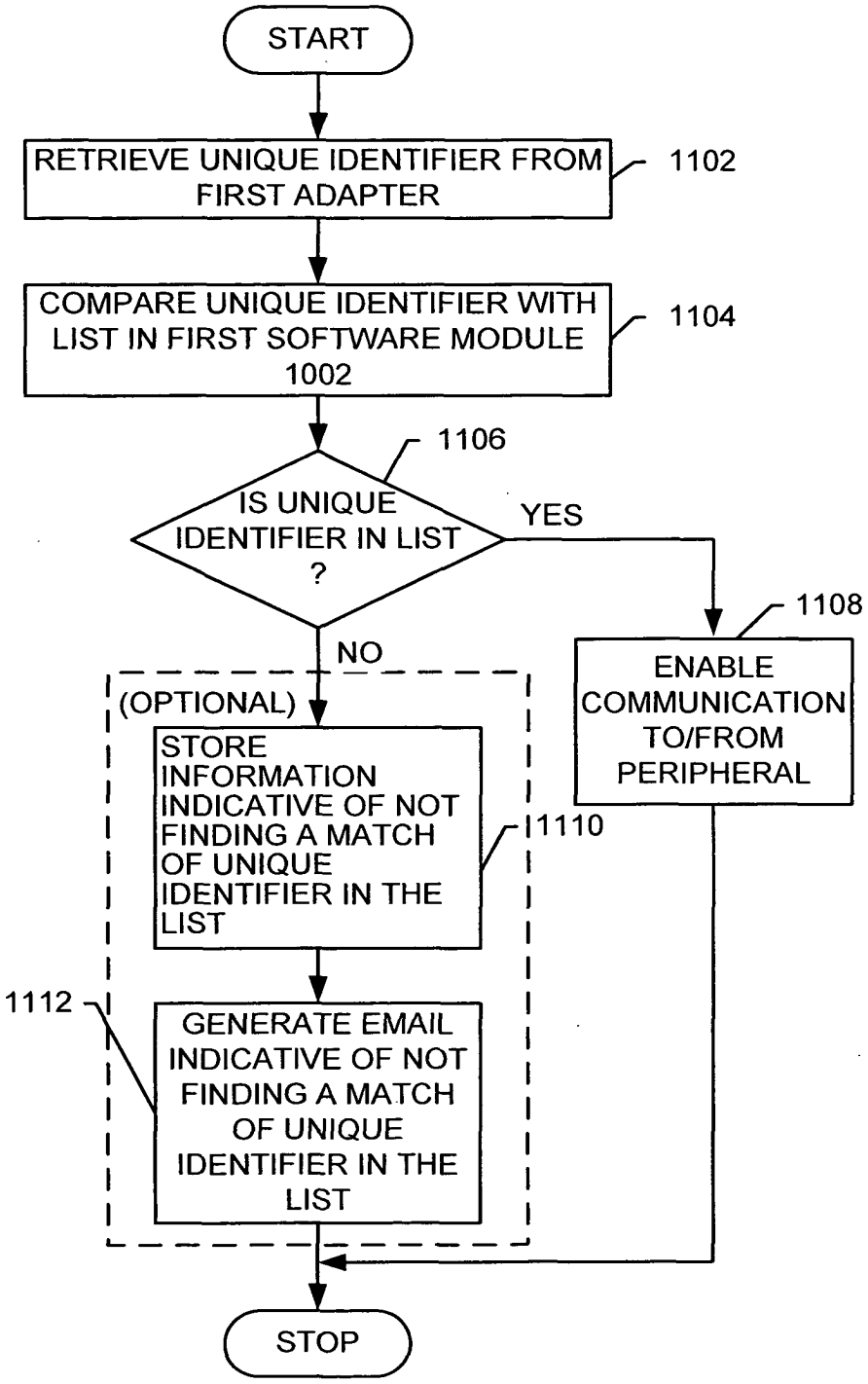


FIG. 12

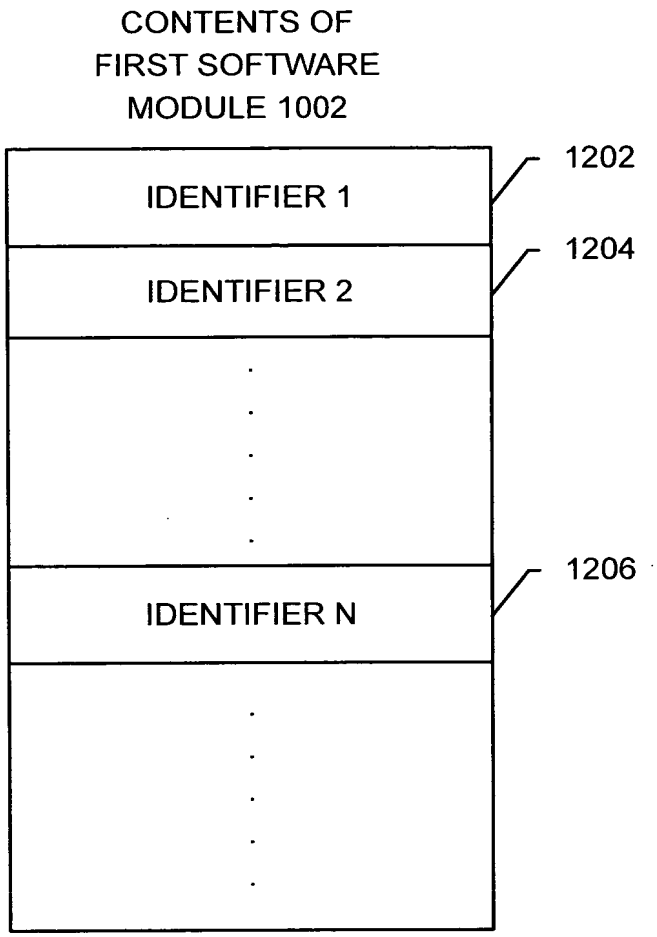

CONTENTS OF
FIRST SOFTWARE
MODULE 1002
IDENTIFIER 1
1202
IDENTIFIER 2
1204
IDENTIFIER N
1206

FIG. 13

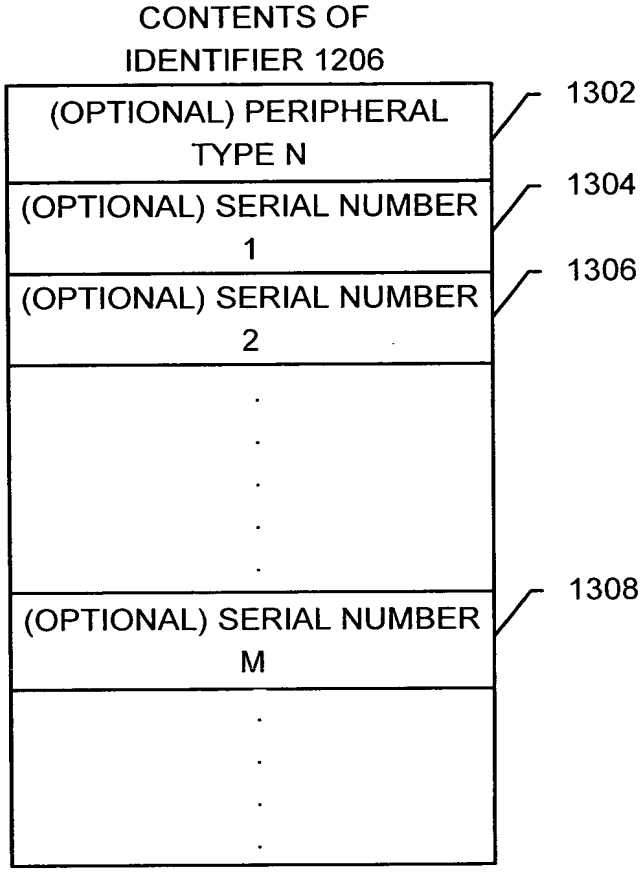

CONTENTS OF
IDENTIFIER 1206
(OPTIONAL) PERIPHERAL TYPE N
1302
(OPTIONAL) SERIAL NUMBER 1
1304
(OPTIONAL) SERIAL NUMBER 2
1306
(OPTIONAL) SERIAL NUMBER M
1308

FIG. 14

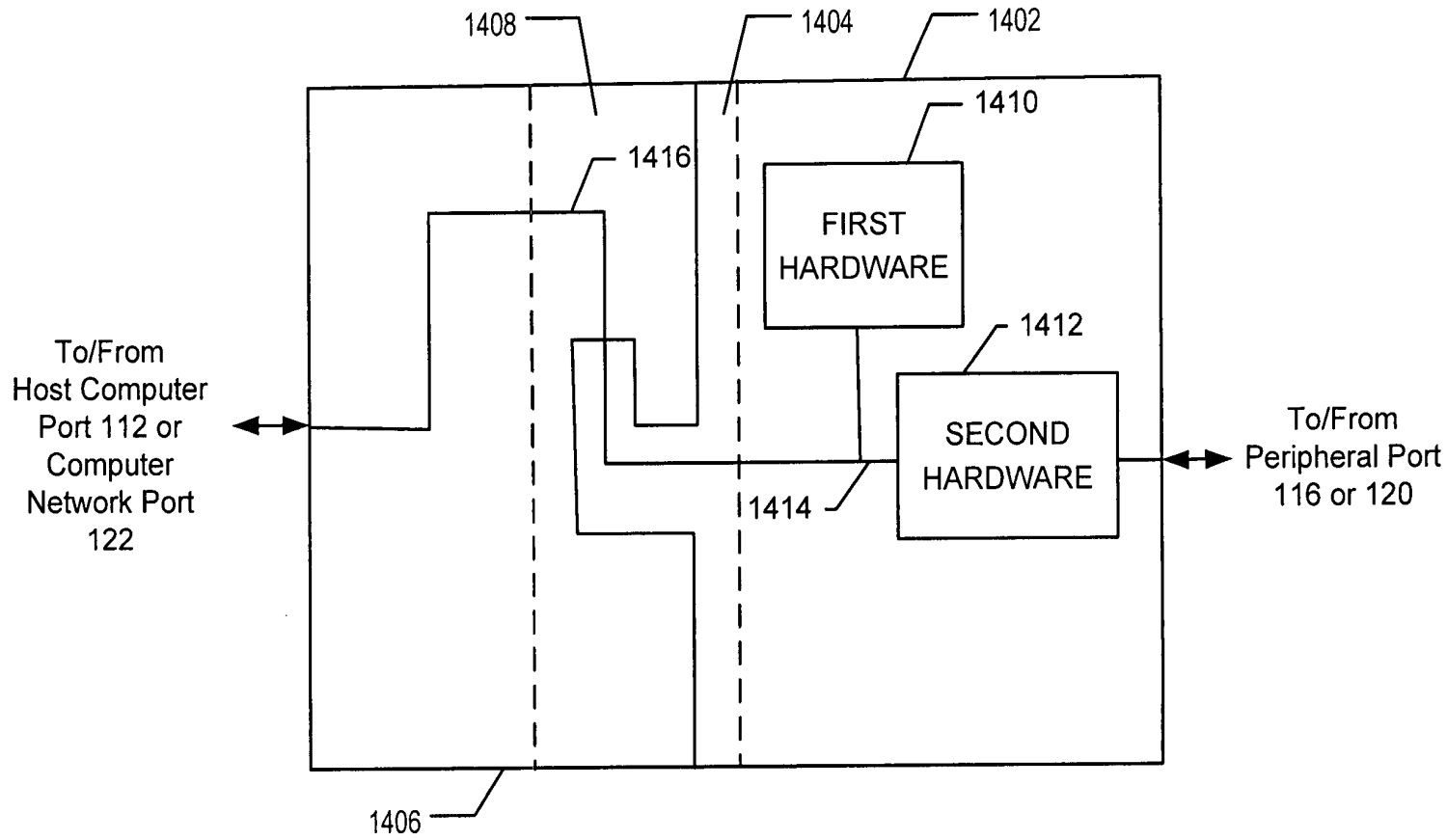

1408
1404
1402
1410
1416
FIRST HARDWARE
1412
To/From Host Computer Port 112 or Computer Network Port 122
SECOND HARDWARE
To/From Peripheral Port 116 or 120
1414
1406

FIG. 15

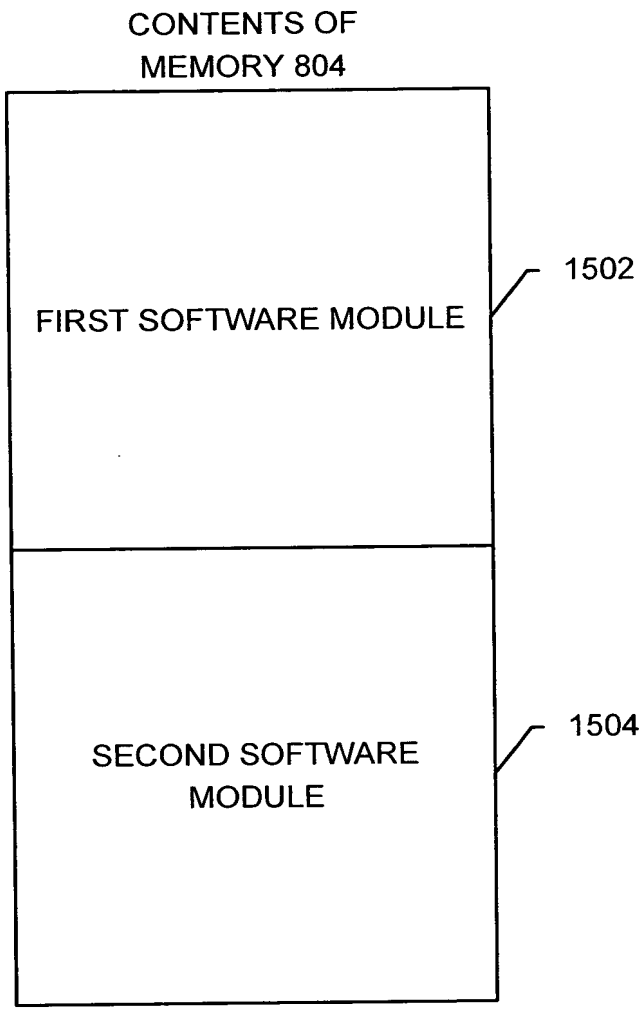

CONTENTS OF
MEMORY 804
FIRST SOFTWARE MODULE
1502
SECOND SOFTWARE
MODULE
1504

FIG. 16

CONTENTS OF SECOND SOFTWARE MODULE 1504

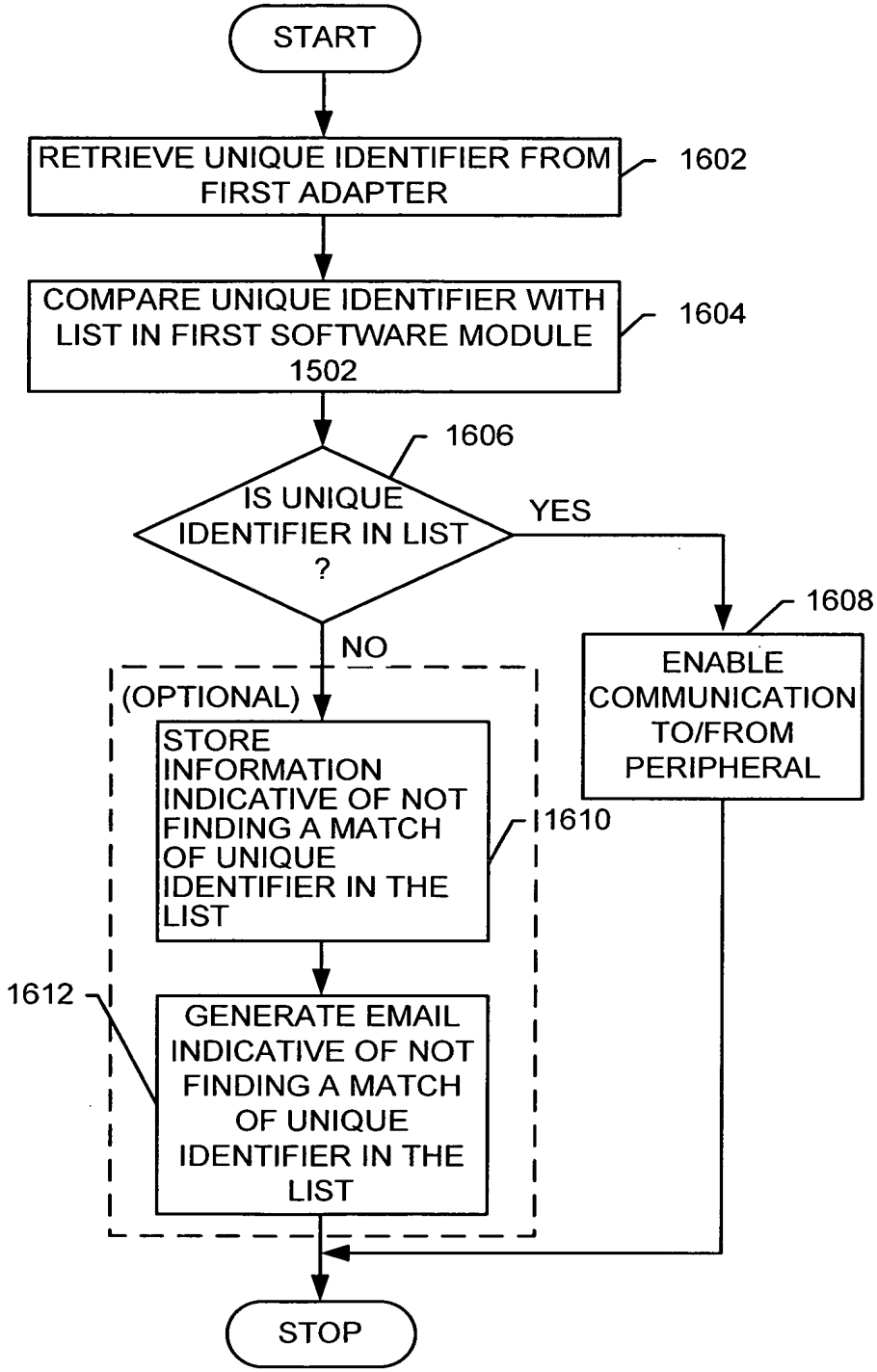


FIG. 17

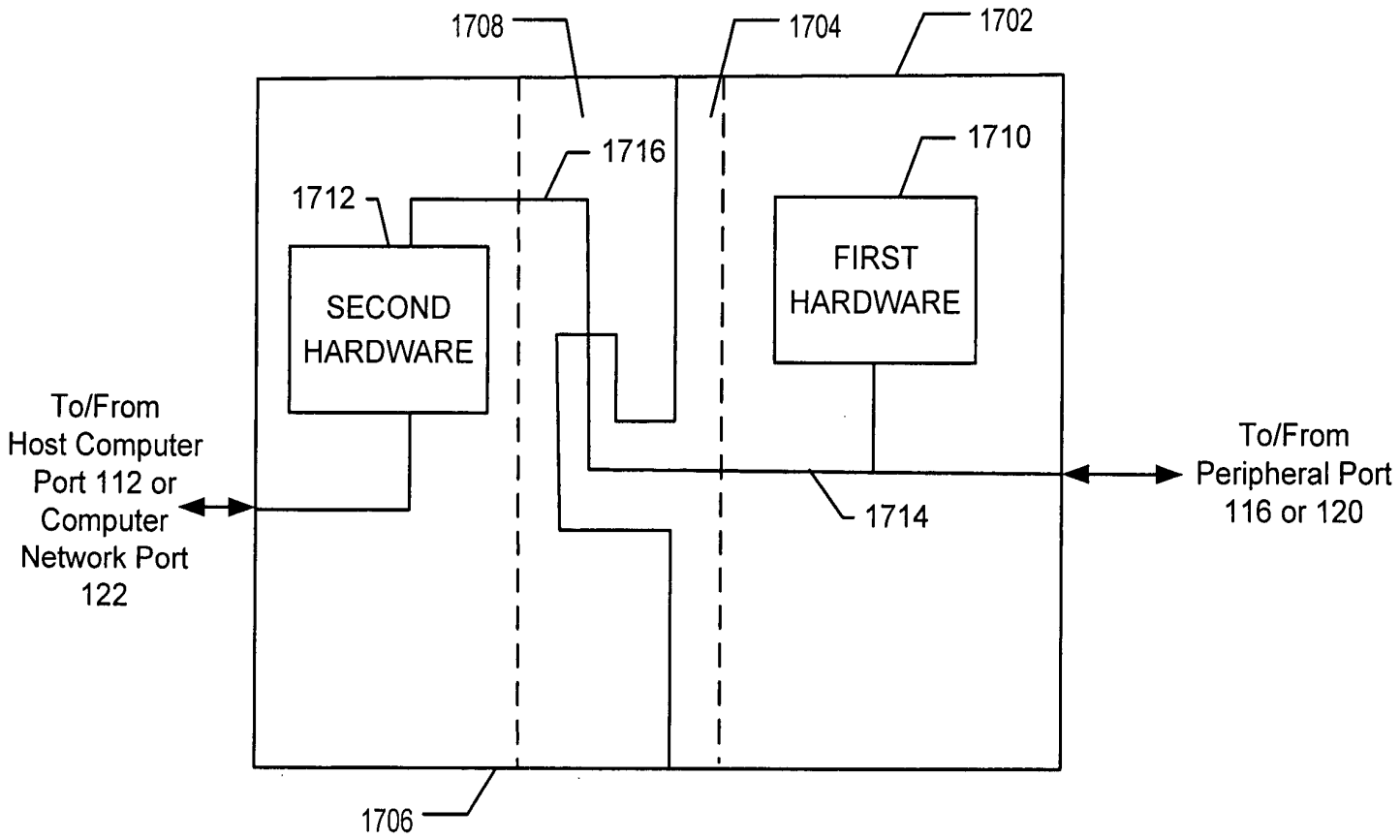

1708
1704
1702
1716
1710
1712
SECOND HARDWARE
FIRST HARDWARE
To/From Host Computer Port 112 or Computer Network Port 122
1714
To/From Peripheral Port 116 or 120
1706

FIG. 18

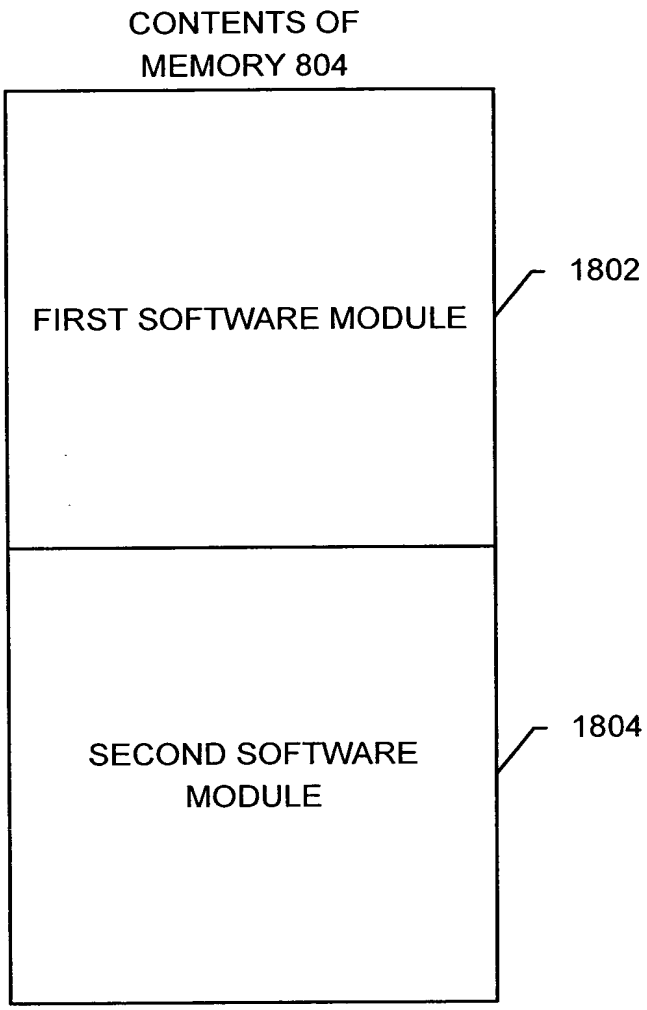
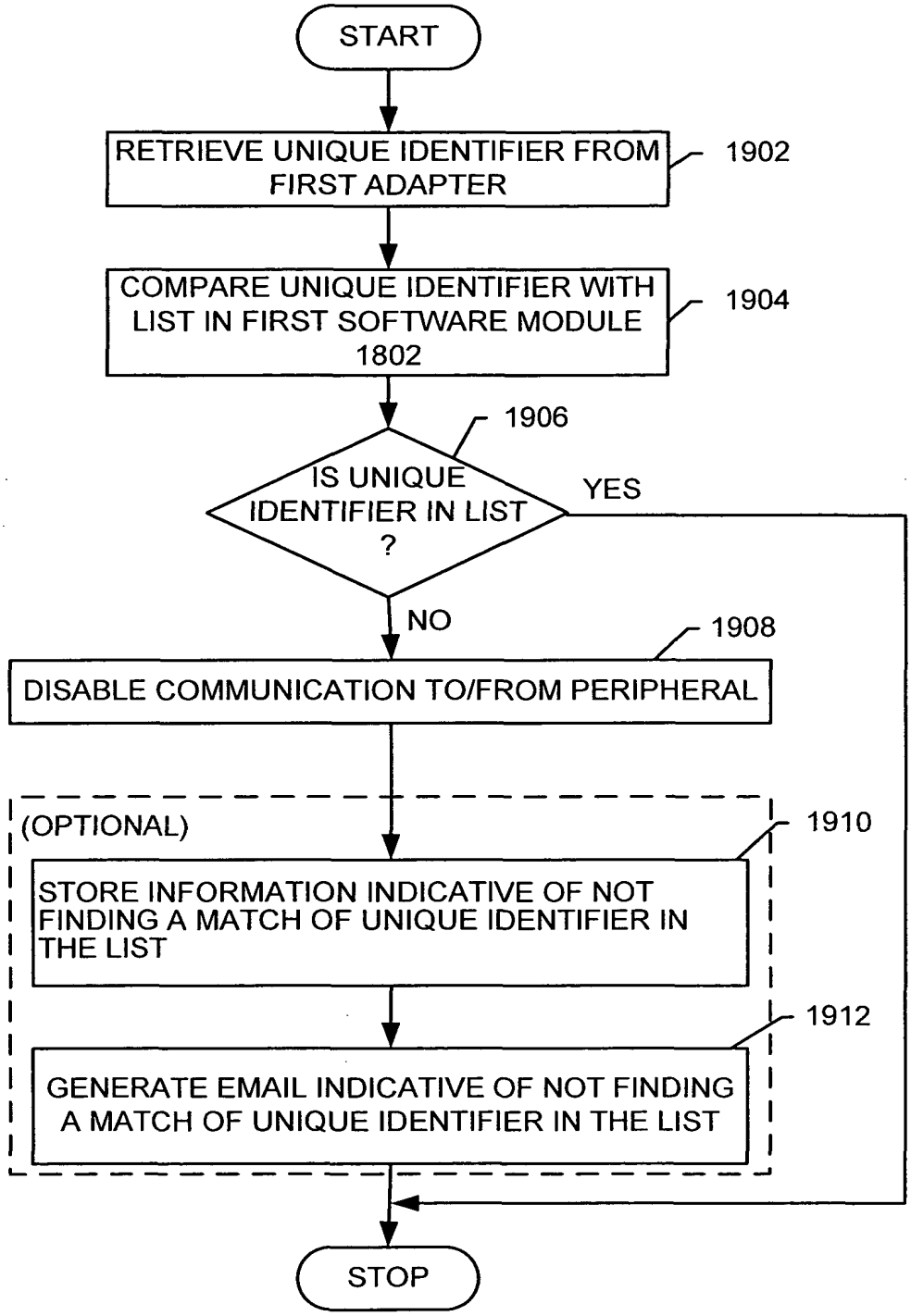

CONTENTS OF
MEMORY 804
FIRST SOFTWARE MODULE
1802
SECOND SOFTWARE
MODULE
1804

FIG. 19

CONTENTS OF SECOND SOFTWARE MODULE 1804